Defense Information Systems Agency

A Combat Support Agency

Forge.mil Community Management Team

community@forge.mil

August 2011

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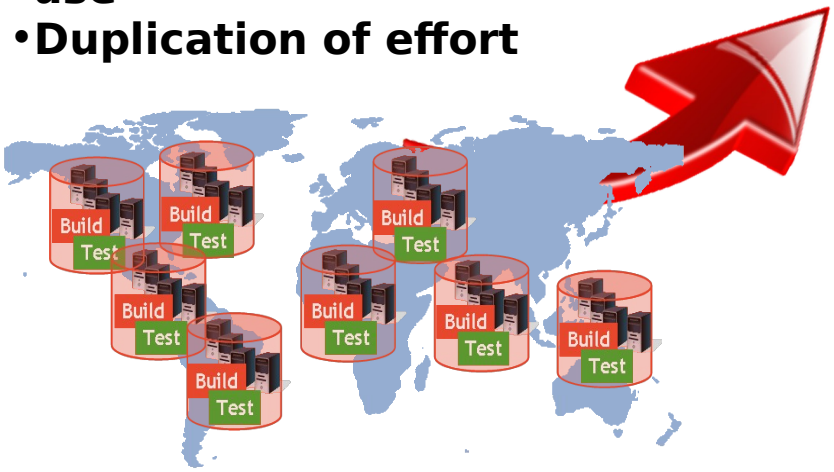
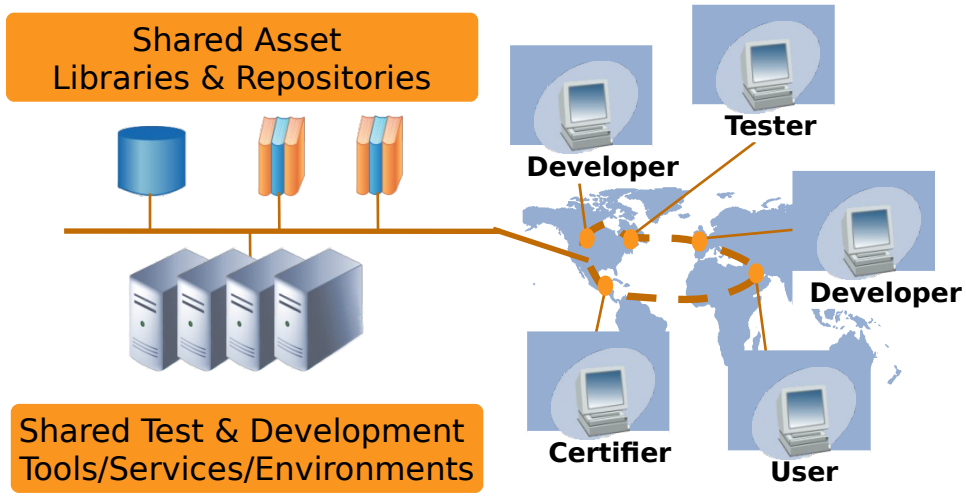
TODAY

- Siloed development environments
- Expensive and time consuming start-up
- Limited exposure, sharing, or re-use
- Duplication of effort





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- Agile development and testing
- Cross-program sharing: software and services
- Early and continuous collaboration
- Integrated approach to development life cycle
- Extensible platform to support delivery of partner capabilities

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Policy and Guidance

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HR 2647, National Defense Authorization Act for Fiscal Year 2010, Sec. 804.

"The Secretary of Defense shall develop and implement a new acquisition process for information technology systems. The acquisition process developed and implemented pursuant to this subsection shall, to the extent determined appropriate by the Secretary —

. . . be based on the recommendations in chapter 6 of the March 2009 report of the Defense Science Board Task Force on Department of Defense Policies and Procedures for the Acquisition of Information Technology; and

. . . be designed to include —

- ***early and continual involvement of the user;***
- ***multiple, rapidly executed increments or releases of capability;***
- ***early, successive prototyping to support an evolutionary approach; and***
- ***a modular, open-systems approach***

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Forge.mil Vision

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Forge.mil Community – Stakeholders and SMEs

Developers

Users

Program Managers

Testers

Warfighters

SME

Collaborative Development/Test Environment

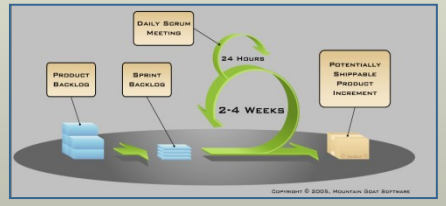
software Forge.mil

project Forge.mil

Cloud Computing Services

Improve DoD's ability to rapidly deliver dependable Software, Services and Systems

Process and Methods



Agile Software Development

Continuous Delivery

Tools and Resources

Continuous Integration

Forge.mil
Community Shared Knowledge and Best Practices

enterprise eMASS
Mission Assurance Support Service

Forge.mil
Testing Services

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Forge.mil Family of Services

Forge.mil

Forge.mil Community

Collaborative content and knowledge management site for Forge.mil users to connect and share information

software Forge.mil

Free, collaborative development environment for open-source and DoD community source software

project Forge.mil

On-demand, fee-for-service, development environment for individual programs and projects

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Forge.mil Key Features

Forge.mil

Application Lifecycle Management (ALM)

Source Code and Configuration Management

Track Bugs/Requirements/Feature Requests

Task Hierarchy and Alert Mechanism

Collect, archive, and release Packages

Real-time Reports on Tasks and Trackers

Discussion Forums

Project-Based Wiki

Document Management

Collaborative Content and Knowledge Management

Project Activity Streams

Open and Moderated Groups

Blog and micro-blogs

Document Management

Group-based Collaborative Wiki

Threaded discussions

Idea forums with vote-up/vote-down

Group Calendar and Event Management

Group/'Public' Notices and Announcements

Relationship/Connections Management

Group Polls

Benefits of the Forge.mil Community

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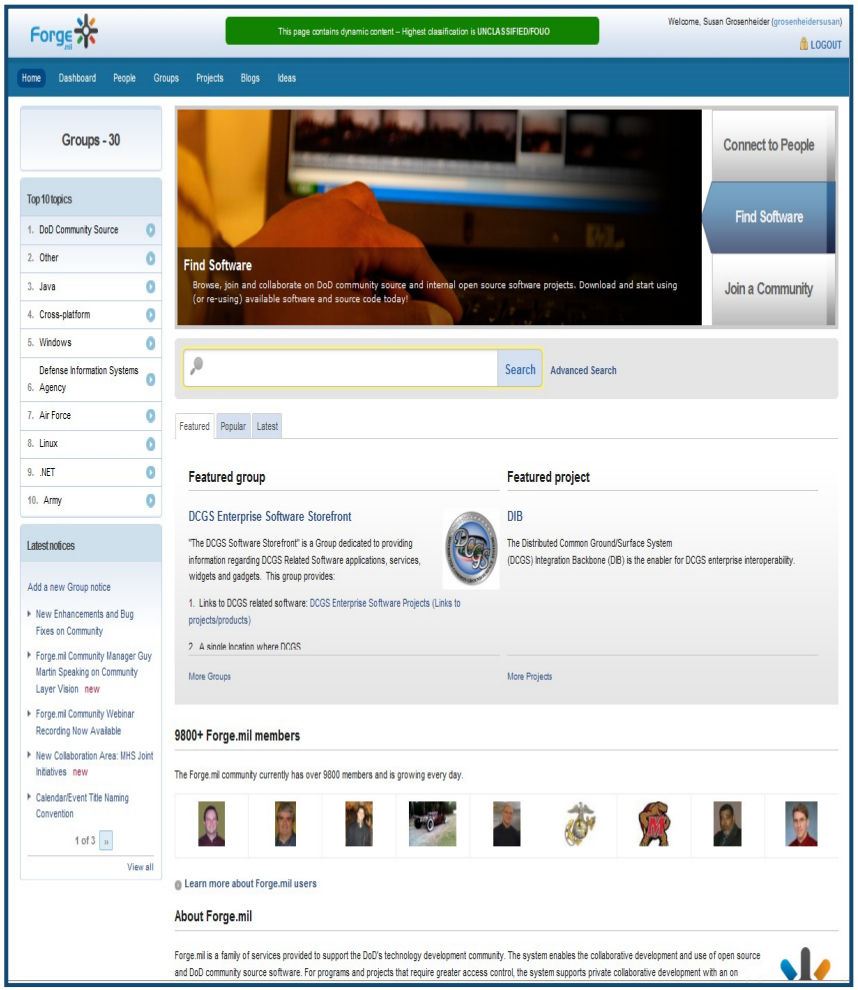
This page contains dynamic content – Highest classification is UNCLASSIFIED/FOUO
Welcome, Susan Grosenheider (grosenheidersusan)
LOGOUT
Home
Dashboard
People
Groups
Projects
Blogs
Ideas
Groups - 30
Top 10 topics
1. DoD Community Source
2. Other
3. Java
4. Cross-platform
5. Windows
6. Defense Information Systems Agency
7. Air Force
8. Linux
9. .NET
10. Army
Latest notices
Add a new Group notice
New Enhancements and Bug Fixes on Community
Forge.mil Community Manager Guy Martin Speaking on Community Layer Vision new
Forge.mil Community Webinar Recording Now Available
New Collaboration Area: MHS Joint Initiatives new
Calendar/Event Title Naming Convention
1 of 3
View all
Find Software
Browse, join and collaborate on DoD community source and internal open source software projects. Download and start using (or re-using) available software and source code today!
Connect to People
Find Software
Join a Community
Search
Advanced Search
Featured
Popular
Latest
Featured group
DCGS Enterprise Software Storefront
"The DCGS Software Storefront" is a Group dedicated to providing information regarding DCGS Related Software applications, services, widgets and gadgets. This group provides:
1. Links to DCGS related software: DCGS Enterprise Software Projects (Links to projects/products)
More Groups
Featured project
DIB
The Distributed Common Ground/Surface System (DCGS) Integration Backbone (DB) is the enabler for DCGS enterprise interoperability.
More Projects
9800+ Forge.mil members
The Forge.mil community currently has over 9800 members and is growing every day.
Learn more about Forge.mil users
About Forge.mil
Forge.mil is a family of services provided to support the DoD's technology development community. The system enables the collaborative development and use of open source and DoD community source software. For programs and projects that require greater access control, the system supports private collaborative development with an on

- Connect with other Forge.mil users
- Find Projects and Software for Reuse
- Discover and join sub-communities or Groups
- Improve Collaboration
- Expand the Discussions
- Share Ideas or find Ideas to act on
- Share Knowledge, Experience and Lessons Learned
- Cast a Wider Net to Find the Answer

Benefits of Forge.mil

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Reduce administrative costs, Increase productivity, Improve visibility

Developers

- Access a full featured development platform via the web or directly from your IDE
- Have fewer face-to-face meetings and less administration when collaboration is part of everyday development
- Link to continuous integration servers and provision build and test servers in the cloud whenever you need them

Managers

- Speed new project startup
- Secure access to project assets
- Enhance team productivity and collaboration
- Improve visibility into project status
- Reduce management and administrative overhead
- Access critical team assets via the web or

Executives

- Consolidate and centralize to reduce administration, licensing, and infrastructure costs
- Establish governance and regulatory compliance
- Improve predictability of the development organization
- Integrate easily into existing systems to

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The Forge.mil Community

Forge.mil by the Numbers

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- **Connect with over 10,500 DoD developers, IT experts, and users sharing lessons learned, best practices, and solutions**
- **Participate in over 500 development efforts**
- **Collaborate in over 50 sub-communities**
- **Download over 3,400 software releases**
- **Contribute to over**
  - **57,000 software commits**
  - **51,000 downloads**
  - **4,000 discussion posts**
  - **15,000 documents**
  - **3,500 wiki pages**
  - **1,000 software repositories**

Forge.mil
Transforming the Way DoD Innovates IT
Forge.mil is a collaborative environment to accelerate the development and deployment of dependable software and services within the Department of Defense.
Browse over 400 projects & collaborate with over 7000 DoD members
COMMUNITY
FAQS
NEWS
RESOURCES
SUPPORT
Top 10 FAQs
What is the Forge.mil Program?
What is SoftwareForge?
What is ProjectForge?
What is the difference between SoftwareForge and ProjectForge?
What capabilities are available in the system?
What are the guidelines for participating?
How can I get access to Forge.mil (CAC users)?
How can I get access to Forge.mil (ECA Certificate users)?
How do I order a RACE Node?
Where do I go to download DoD/ECA Root and Intermediate Certificates?
More FAQs
About This Program
Forge.mil is a family of services provided to support the DoD's technology development community. The system enables the collaborative development and use of open source and DoD community source software. For programs and projects that require greater access control, the system supports private collaborative development with an on demand, fee for service offering. These initial software development capabilities are growing to support the full system life-cycle and enable continuous collaboration among all stakeholders including Project Managers, developers, testers, certifiers, operators, and users.
Tools & Resources
Forge.mil Brochure & ProjectForge Info Sheet
ECA Registration
PKI Information
Subversion Client Instructions
Download DoD Root & Intermediate Certificates
Download DoD Mozilla Firefox & Thunderbird Add-ons
Accessibility & Section 508 Information
Join Community
Latest News
Software.forge.mil and Project.forge.mil maintenance was successfully completed on 12/03/2010. For details, see SWF:page1980.
Open development delivers unexpected benefits
Forge.mil Project Director and Community Manager named in 2010 Federal 100 Winners
Forge.mil selected as 2010 Excellence.Gov Finalist
More News
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InformationWeek 500 2009
GCN Awards

Community Victories

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Joint Organizations

- Distributed Common Ground/Surface System (DCGS) Integration Backbone (DIB)
- National Senior Leader Decision Support Service (NSLDSS)
- Chemical, Biological, Radiological and Nuclear (CBRN) Software
- DoD Cloud Computing Strategy – collaborative development/implementation of DoD Strategy
- Community CAC – provides guidance and tools for using the Common Access Card

Army

- Apps for the Army – Innovation challenge to develop new ‘mashups’ of Army data
- System of Systems Common Operating Environment (SOSCOE) – tactical middleware
- Tank and Automotive Research, Development and Engineering Center Software Engineering Center – Mine Resistant Ambush Protected Digital Backbone

Navy

- Naval Undersea Warfare Center (NUWC)
- Joint Explosive Ordnance Disposal Decision Support System (JEOD DSS)

Air Force

- Air and Space Operations Center Weapon System (AOC WS) Modernization
- Sensor Processing Architecture for Data Exploitation (SPADE)

Marine Corps

- Distributed Common Ground/Surface System – Marine Corps (DCGS-MC)
- Marine Air Ground Task Force Command and Control (MAGTF C2)

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DEMO

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Contact Info

Forge.mil

Email us at community@forge.mil

Follow us on Twitter

Join the Forge.mil Group on milBook

Sign up for Forge.mil updates at http://www.disa.mil/forge/

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Next Steps

Forge.mil

- **Get an account**
  - Navigate to https://community.forge.mil (requires a valid DoD CAC or ECA Certificate).
  - Your account is active once your email address is confirmed.
  - For info on how to obtain and install an ECA Certificate, see the FAQ – "How can I get access to Forge.mil" at https://www.forge.mil.
- **Join the Forge Community Support Group to –**
  - Review the Getting Started Guides
  - View Training, FAQs, and Support Documentation
  - Ask Questions and Submit Enhancement Requests
- **Find, connect and follow other members** – browse users under the People tab
- **Find and join a group** – search the Group Directory in Community
- **Find and join a project** – search the Project Directory in Community or 'All Projects' on SoftwareForge or ProjectForge
- **Visit the Forge.mil Community Home**
  - **Visit the featured group and project**
  - **View the most popular content –** What do other users think you should be reading?
- **Still have questions –** contact the Forge.mil Community Management Team at community@forge.mil

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Forge.mil Track Sessions

Forge.mil

Session	Description	Date/Time	Location
Forge 101 – An Introduction to Forge.mil (Daily Sessions)	Learn how to participate in a growing community of developers, program managers, testers, certifiers, end users and Warfighters and how to make the most of the current capabilities	TBD	TBD
		TBD	TBD
		TBD	TBD
Continuous Delivery: Maximize Velocity and Value! (Daily Sessions)	Hear about the key technologies and techniques utilized by the Forge.mil project team to achieve maximum delivery velocity and "satisfy the customer through early and continuous delivery of valuable software"	TBD	TBD
		TBD	TBD
		TBD	TBD
De-mystifying Agile Software Development.		TBD	TBD
Forge.mil Success Stories and Lessons Learned – Community Case Studies	During this track session, attendees can participate in a lively discussion with the Forge.mil leadership and current Forge.mil customers on how Forge.mil is transforming software development.	TBD	TBD
Forge.mil		TBD	TBD

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Forge.mil Breakout Sessions

Forge.mil

Session	Description	Date/Time	Location
Session 1	Agile Software Development – A Day in the Life of an Agile Development Team	TBD	TBD
Session 2	Forge.mil Power Users Information Exchange	TBD	TBD
Session 3	Technical Exchange – Continuous Integration	TBD	TBD
Session 4	Technical Exchange – Subversion Best Practices	TBD	TBD
Session 5	Technical Exchange – Forge.mil Testing Services	TBD	TBD

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